

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-010241**Date Inspected:** 15-Nov-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:****CWI Present:****Yes No****Inspected CWI report:** **Yes No N/A****Rod Oven in Use:** **Yes No N/A****Electrode to specification:** **Yes No N/A****Weld Procedures Followed:** **Yes No N/A****Qualified Welders:** **Yes No N/A****Verified Joint Fit-up:** **Yes No N/A****Approved Drawings:** **Yes No N/A****Approved WPS:** **Yes No N/A****Delayed / Cancelled:** **Yes No N/A****Bridge No:** 34-0006**Component:** OBG Trail Assembly**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S. Manjunath. Math. was present during the time noted above for observations relative to the work being performed.

This QA Inspector randomly observed the following work in progress:

Orthotropic Box Girder (OBG) Assembly Area

Segment 5BW to 5CW

This QA Inspector measured and recorded the misalignment along with QA Inspector Mr. Manikandhan and measured the offset for the Side Panel to Side Panel T-Rib (Cross Beam and Bike Path side) and Bottom Panel and prepared report in the "SURVEY ON T-RIB FOR OBG" form for Segment 5BW to 5CW between PP 34 to 35 and submitted the records to Engineer for review.

Segment 5AE to 5BE

This QA Inspector measured and recorded the misalignment along with QA Inspector Mr. Manikandhan and measured the offset for the Side Panel to Side Panel T-Rib (Cross Beam and Bike Path side) and Bottom Panel and prepared report in the "SURVEY ON T-RIB FOR OBG" form for Segment 5BE to 5CE between PP 31 to 32 and submitted the records to Engineer for review.

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## WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

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Segment 2AW to 2BW

This QA Inspector measured and recorded the Offset and Sweep for the Longitudinal Stiffener Cross Beam and Counter Weight Side and the measurements were taken in the intermediate stage (before the repair work was completed). This measurement has been taken for internal reference purpose.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

**Summary of Conversations:**

No relevant conversations.

**Comments**

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact , who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Math,Manjunath	Quality Assurance Inspector
<b>Reviewed By:</b>	Carreon,Albert	QA Reviewer

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